



WESCO RUNNER

Fourth Quarter, 2001



IDEC MicroSmart FC4A Series PLC

**Build What You Want...
Control What You Need**



With the IDEC MicroSmart series of Programmable Logical Controllers you can create the system you need without increasing space requirements or your budget. These compact, powerful PLC's are extremely flexible and adaptable to your specific control application

You can choose the CPU that fits your needs, from 10, 16, 20, 24 or 40 built-in I/O points. Then customize your set-up with additional input/output combinations, or analog

expansion modules for as many as 264 I/O points. Standard features include high-speed counters, an RS-232C port and an analog potentiometer.

You can do anything with the MicroSmart; reconfigure the system at any time, link to other devices with a simple accessory or store and transfer programs on the memory cartridge. You can add another communication port or HMI module or get control in a hazardous location because the MicroSmart PLC is UL-1604 listed, Class 1 -Div.2. To find out more about what the MicroSmart series can do for you, call WESCO for a free brochure today.



Season's Greetings



The holiday season is here. Once again we warm our souls on family, friendship, worship and celebration. But it's a struggle, with the media filled with fear and combat. For escape we are bombarded with commercial promises that know our cravings but not our needs.

Thankfully, we all have those personal points of grounding where we can see how crazy it really is. This year, more than ever, we must include our communities.



Be grateful for your colleagues at work, where working together towards a common goal gives us purpose. Show your warmth to a stranger as you rush about the crowded streets and shopping centers. Give generously with time, skills and donations to those charities that help breach the gap from what it is to what it should be.

Have a wonderful holiday. All the best in 2002 and thank you for your valued support.

wesco.ca



CHAMP-PAK™

Wall Pack Luminaire

Mount Anywhere Hazardous Location Lighting Solution

In Hazardous locations you want to be sure you have a reliable lighting system. Obviously it needs to meet the specifications but it also must be convenient to locate, easy to maintain and must be built to take all the abuse your environment can throw at it. Crouse Hinds CHAMP-PAK™ Wall Pack Luminaire meets the challenge in a low profile wall mount design that is suitable for any area with adverse conditions such as dust, dirt, moisture, vibration and high-pressure hose-downs.

With stainless steel hardware and a corrosion free epoxy powder coating it is ideally suited for manufacturing facilities, petrochemical plants, waste treatment plants and marine installations.

Its compact design mounts virtually anywhere making it an easy choice for security and safety lighting, loading docks, hallways, tunnels and stairways.

Maintenance is a breeze thanks to a side-hinged cover with two screw closing. A unique stainless steel wire guard attaches without any additional hardware. A silicon rubber gasket makes the luminaire suitable for NEMA 4X and marine environments. The glass refractor



provides uniform light distribution to eliminate unwanted glare. The CHAMP-PAK™ is available in 50 to 150 Watt versions and complies with UL (844, 1598, 1598A), cUL (CSA C22.2 No. 137) and NEC & CEC Class I, Division 2.

With the CHAMP-PAK™ you now have a lighting solution for all those hard to service Hazardous locations and high abuse environments. Call WESCO. We have the solution.

Exceptional Background Rejection for Long Distance Sensing Applications

The call comes in from the production floor again. That's the third time this shift you've been called down to that out-feed conveyor. The operators are frustrated and



production is suffering due to backups on the line. You've got to do something about the inconsistent performance of that photo eye. If it's not dust build up on the lens, then it needs alignment or it's picking up the conveyor rolls and false triggering.

There's got to be a better solution!

Looking for a sensor to fill that troublesome application need?

Thru-beam and Retroreflective sensors don't cut it and Diffuse types fall short of fitting the bill? Then take a look at the new E67 Long Range Perfect Prox® from Cutler-Hammer. This latest addition to our photoelectric line takes Cutler-Hammer's Perfect Prox® technology to new lengths. Its proven background suppression capability reliably detects objects of

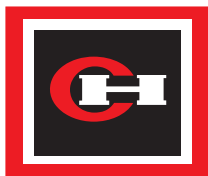


differing size, colour and shape at the same range while ignoring background movement outside of that range. The E67 is available in factory preset ranges from 60cm up to 240cm. Micro connector connectivity and the absence of any external adjustments make installation a snap. The neatly packaged E67 incorporates a green "Power" and red "Output" LED as well as both a 30mm jam nut and side mounting option.

“Cutler Hammer has a whole line of photoelectric sensors to meet your application”

In addition to the E67, Cutler Hammer has a whole line of photoelectric sensors to meet your application. Whether you need miniature sensors, an economical package for OEM use, harsh duty sensors, specific output options or sophisticated logic capabilities they have the solution. Cutler's innovative sensor technologies also include TargetLock™ which helps you speed up installation, improve sensor reliability and eliminate unplanned downtime.

To learn more about the E67 and the other sensor products that Cutler-Hammer offers please talk to your WESCO Cutler-Hammer sales team. Remember to look to WESCO and Cutler-Hammer for the better solution.



Cutler-Hammer

ALTO Universal T8 Fluorescent Lamps



Extended Lamp Life on Instant Start Ballast

Extending lamp life saves on lamp costs but also on total life cycle cost including transaction costs, storage, breakage, installation and disposal. Philips new ALTO Universal T8 fluorescent lamps deliver up to 60% longer life on all T8 ballast types including Instant Start ballasts. The Universal product line includes standard T8 ALTO (20,000 Hours), PLUS T8 ALTO (24,000 Hours) and Advantage T8 ALTO (24,000 Hours plus Higher Lumen output). This compares to the rated average life of standard T8 lamps of 15,000 hours when operating on Instant Start ballasts (95% of all T8 lamp applications currently use Instant Start ballasts). HI-VISION Phosphors combined with Philips exclusive cathode guard, mean that these lamps also

deliver outstanding lumen maintenance of 95% and enhanced Colour Rendering Index of up to 86.

With Universal T8 lamps the higher rated average life reduces cost-of-ownership by deferring the labour and replacement cost for up to 15 months. Installing the PLUS lamps further extends the life. For 10% more lumens the Advantage T8 lamps are also available. No other competi-

tive product currently in the market can match such performance on an Instant Start ballast.

These Universal T8 lamps also feature Philips well recognized environmentally friendly ALTO lamp technology with 66% less mercury compared to the 1999 industry standard.

Interested in reducing lighting costs? Contact your WESCO branch for expert advice.



Alto



Find Exactly What You're Looking for in a Mechanical Interlock... Even if it is a Blown Fuse

Installers require quick, no-guesswork wiring. Plant and MRO staff ask for maximum durability and minimum downtime. Everyone wants better selection to meet today's demanding requirements without compromise. Now take a close look at Pass & Seymours answers: All-new Fusible Mechanical Interlocks that cut downtime, thanks to the first-ever visible blown-fuse indication; New Fusible Safety Switches with the same innovative blown-fuse-indicating LEDs; And new capacities in P&S Non-Fusible Interlocks and Safety Switches.

Add proven feature-rich P&S Pin and Sleeve devices, and the result is a problem-solving IEC 309-1 and -2 product family. It's ready to work for you anywhere - because P&S IEC 309 products are guaranteed to be interchangeable with all IEC 309-1 and -2 devices, and because all the worlds major trading nations are IEC participants. As a result, manufacturers can easily standardize their electrical component specifications worldwide, simplifying purchasing, training and application to reduce costs.

P&S IEC products work for you, helping you multiply those savings - thanks to uncompromising materials and construction that deliver long-term dependability.

Take a closer look at the complete P&S IEC 309 industrial family. Compare construction, features, and specifications. Add the local support of your Wesco branch and the global product support of Pass & Seymour/Legrand; ready to help you succeed no matter where you do business. And see why this is the selection that works for you.



Pass & Seymour

The one that works for you.®

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